

**CADDY®**

# CADDY® PYRAMID Pipe & Equipment Supports



**ERICO®**

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## CADDY® PYRAMID Rooftop Supports Stand the Test of Time – Wood Blocks Don't!



▲ CADDY PYRAMID Rooftop Supports are weatherproof and long lasting.

▲ CADDY PYRAMID Rooftop Supports are roof-friendly.



▲ Wood blocks can easily rot when exposed to rooftop weather conditions, such as sunlight exposure or rain.

▲ Loose or broken clamps can be problematic or even dangerous.



# CADDY® PYRAMID Pipe & Equipment Supports

## Introduction

ERICO is committed to offering high-quality, innovative products and services for the roofing and mechanical markets. To provide installers with a more extensive range of products for roofing applications, ERICO has expanded its already popular CADDY® PYRAMID line of rooftop pipe supports.

- ▲ **CADDY® PYRAMID ST Series:** A strut-based support utilizing an engineered thermoplastic base with a UV stabilizer. The CADDY PYRAMID ST Series offers excellent load distribution with high load ratings.
- ▲ **CADDY® PYRAMID RL Series:** Polymeric-roller based support helps ensure long-lasting performance and smooth roller actions. The CADDY PYRAMID RL Series provides superior durability for rooftop environments.
- ▲ **CADDY® PYRAMID EZ Series:** EPDM rubber-based and height-adjustable. Requires no tools or fittings, making installations easier than ever.
- ▲ **CADDY® PYRAMID:** The original design provides lightweight support with roof-friendly materials.

All CADDY PYRAMID products are designed with a wide variety of high-quality, user-friendly features:

- ▲ **Versatile:** CADDY PYRAMID products offer superior load capacity and dramatically reduce installation time by replacing slow, heavy and labor-intensive methods to support pipe, conduit, duct, cable tray and equipment.
- ▲ **Durable:** CADDY PYRAMID has passed a variety of rigorous tests, including an extreme temperature test. Unique materials and finishes offer superior corrosion protection.
- ▲ **Roof Friendly:** CADDY PYRAMID products are specifically designed for rooftop applications. Unlike wood blocks, CADDY PYRAMID is designed to protect roof membranes. The CADDY PYRAMID EZ Series is made from EPDM, the same material as many roof membranes. The base design of the CADDY PYRAMID ST Series and CADDY PYRAMID RL Series helps distribute loads evenly to avoid stress concentration on membranes. The original CADDY PYRAMID polyethylene closed-cell foam is one of the most roof-friendly materials on the market today.



CADDY® PYRAMID



CADDY® PYRAMID EZ Series



CADDY® PYRAMID ST and RL Series



# CADDY® PYRAMID ST Series

## Strut-based Thermoplastic Supports

- ▲ **Versatile:** Ideal for a variety of rooftop applications; provides superior support for pipe, conduit, duct, cable tray and equipment.
- ▲ **High load capacity:** Structurally engineered to support up to 6672 N.
- ▲ **Roof friendly:** Unique design and continuous bottom surface provide uniform load distribution and help protect the roof membrane from damage caused by concentrated pressure.
- ▲ **Height adjustable:** Designed to accommodate elevation changes on the roof. Installation at a greater distance from the roof may be required by some codes.
- ▲ **Long-lasting performance:** Engineered thermoplastic material is UV-stabilized and weatherproof. All strut and hardware feature a hot-dipped galvanized finish for superior corrosion resistance.
- ▲ **Supports green building requirements:** All thermoplastic bases are made from recycled material.

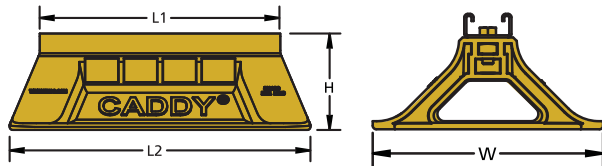


# CADDY® PYRAMID ST Series



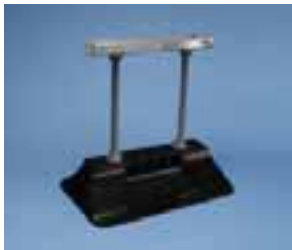
## Fixed Strut Supports:

- ▲ Provide fixed-height mounting platform 102 mm or 164 mm off the roof surface and 254 mm or 406 mm of usable strut length
- ▲ Maximum recommended load is up to 6670 Newton
- ▲ Hot-dipped galvanized finish provides superior corrosion protection



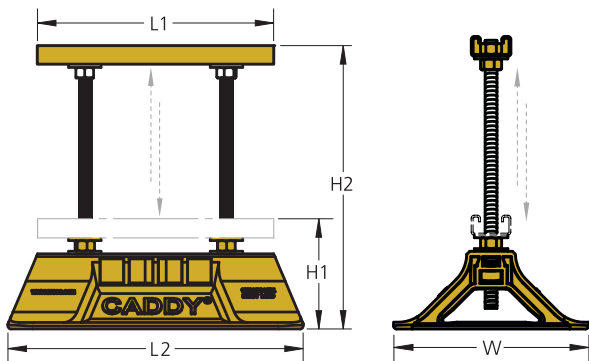
Part Number	Description	H (mm)	L1 (mm)	L2 (mm)	W (mm)	Surface Area (mm <sup>2</sup> )	Weight kg / ea	Max. Rec. Load (N)*	Finish
360400	RPS ST-F 4450N 102MM	102	254	318	203	60800	1.3	4450	P3
360401	RPS ST-F 4450N 164MM	164	254	318	203	60800	2.1	4450	P3
360403	RPS ST-F 6670N 102MM	102	406	470	203	90800	2.0	6670	P3
360404	RPS ST-F 6670N 164MM	164	406	470	203	90800	3.2	6670	P3

\* Maximum recommended load at 73.1 kPa roof loading (maximum recommended load = roof loading x surface area).  
Contact project or roofing engineer for maximum allowable load on individual project roof system.



## Adjustable-Height Strut Supports:

- ▲ Allow elevation change up to 432 mm off roof surface with 254 mm or 406 mm of usable strut length
- ▲ Maximum recommended load is up to 6670 Newton
- ▲ Hot-dipped galvanized finish provides superior corrosion protection



Part Number	Description	H1 (mm)	Max. H2 (mm)	L1 (mm)	L2 (mm)	W (mm)	Surface Area (mm <sup>2</sup> )	Weight kg / ea	Max. Rec. Load (N)*	Finish
360402	RPS ST-A 4450N 305MM	127	305	254	318	203	60800	2	4450	P3
360405	RPS ST-A 6670N 432MM	127	432	406	470	203	90800	3	6670	P3

\* Maximum recommended load at 73.1 kPa roof loading (maximum recommended load = roof loading x surface area).  
Contact project or roofing engineer for maximum allowable load on individual project roof system.

# CADDY® PYRAMID RL Series

## Roller-based Thermoplastic Supports

- ▲ **High load capacity:** Structurally engineered to support up to 2670 N.
- ▲ **Roof friendly:** Unique design and continuous bottom surface provide uniform load distribution and help protect the roof membrane from damage caused by concentrated pressure.
- ▲ **Height adjustable:** Designed to accommodate elevation changes on the roof. Keeps conduit away from higher ambient temperature, as required by code in many areas.
- ▲ **Roller capability:** Allows longitudinal movement of pipe, such as from thermal expansion or contraction.
- ▲ **Long-lasting performance:** Engineered thermoplastic material in both bases and rollers is UV-stabilized and weatherproof. All strut and hardware feature a hot-dipped galvanized finish for superior corrosion resistance.
- ▲ **Supports green building requirements:** All thermoplastic bases are made from recycled material.

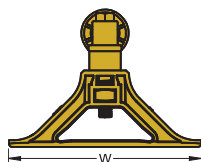
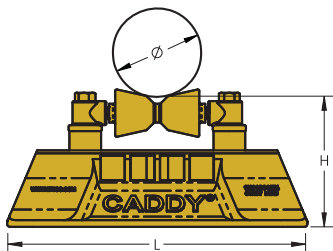


# CADDY® PYRAMID RL Series



## Fixed Roller Supports:

- ▲ Provides roller capability for up to DN150 with 140 mm fixed height
- ▲ Polymeric rollers will not rust, helping to ensure long-lasting performance and smooth roller action
- ▲ Hot-dipped galvanized finish on steel roller axle, fittings and other hardware provides superior corrosion protection
- ▲ Supports up to 2670 N



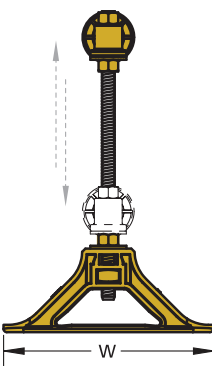
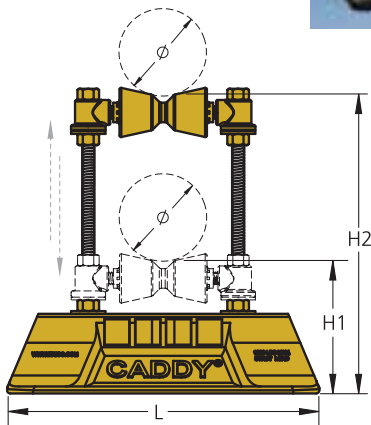
Part Number	Description	Nominal Pipe Diameter	H1 (mm)	L (mm)	W (mm)	Surface Area (mm <sup>2</sup> )	Weight kg / ea.	Max. Rec. Load (N)*	Finish
360406	RPS RL-F MAX-DN80 140MM	DN20 - DN80	140	318	203	60800	1.8	1110	P12
360408	RPS RL-F MAX-DN150 140MM	DN65 - DN150	140	470	203	90800	2.3	2670	P12

\* For RPSMB3H4HD: maximum recommended load at 18.3 kPa roof loading (maximum recommended load = roof loading x surface area).  
 For RPSMB6H4HD: maximum recommended load at 29.4 kPa roof loading (maximum recommended load = roof loading x surface area).  
 Contact project or roofing engineer for maximum allowable load on individual project roof system.



## Adjustable-Height Roller Supports:

- ▲ Can accommodate elevation changes of up to 406 mm off roof with up to DN150 pipe
- ▲ Polymeric rollers will not rust, helping to ensure long-lasting performance and smooth roller action
- ▲ Hot-dipped galvanized finish on steel roller axle, fittings and other hardware provides superior corrosion protection
- ▲ Supports up to 2670 N



Part Number	Description	Nominal Pipe Diameter	H1 (mm)	Max. H2 (mm)	L (mm)	W (mm)	Surface Area (mm <sup>2</sup> )	Weight kg / ea.	Max. Rec. Load (N)*	Finish
360407	RPS RL-A MAX-DN80 305MM	DN20 - DN80	140	305	318	203	60800	1.9	1110	P12
360409	RPS RL-A MAX-DN150 406MM	DN65 - DN150	140	406	470	203	90800	2.7	2670	P12

\* For RPSMB3H12HD: maximum recommended load at 18.3 kPa roof loading (maximum recommended load = roof loading x surface area).  
 For RPSMB6H16HD: maximum recommended load at 29.4 kPa roof loading (maximum recommended load = roof loading x surface area).  
 Contact project or roofing engineer for maximum allowable load on individual project roof system.



# CADDY® PYRAMID EZ Series

## Adjustable-Height Tool-Free Rooftop Pipe Supports

- ▲ **Quick and easy:** No tools or fasteners needed; fast snap-on installation
- ▲ **Roof friendly:** Made of UV-stabilized EPDM material
- ▲ **Height adjustable:** Multiple models allow for height adjustment from 45 mm to 102 mm, 127 mm to 178 mm, or 102 mm to 152 mm
- ▲ **Convenient:** Models can accommodate up to DN50 pipe
- ▲ Supports up to 1112 N



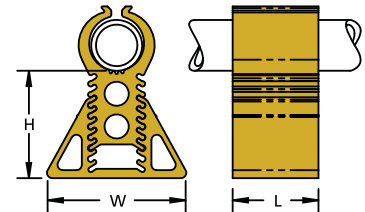
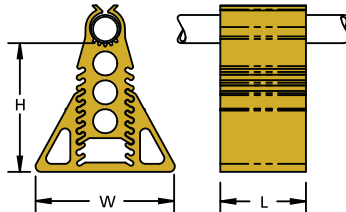
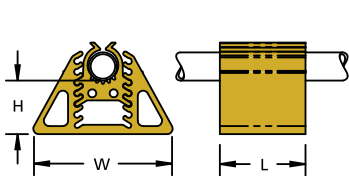
RPSE1H24



RPSE1H57



RPSE2H46



Part Number	Description	Max. Pipe Size (mm)	Max. Pipe OD (mm)	H (mm)	L (mm)	W (mm)	Weight (kg)	Ultimate Load (N)	Finish
182365	RPS EZ MAX-DN25 102MM	DN25	33	45- 102	102	152	0.9	756	P24
182370	RPS EZ MAX-DN25 178MM	DN25	33	127- 178	102	152	1.3	756	P24
182375	RPS EZ MAX-DN50 152MM	DN50	60	102 - 152	102	152	1.5	1112	P24





# CADDY® PYRAMID Pipe & Equipment Supports

- ▲ Dramatically reduces installation time by replacing slow and labor-intensive methods for supporting pipes, conduits, cable tray and equipment on roofs and below raised floors.
- ▲ Supports a wide range of concentrated loads from 220 N to 2700 N.
- ▲ Easily increases load capacity by combining similar CADDY® PYRAMID supports (two CADDY PYRAMID 50 units = 440 N).
- ▲ Designed to help protect the roof membrane while absorbing shock and vibration, but will not absorb water.
- ▲ Metal cover protects against weather and other environmental conditions, such as damage caused by birds.
- ▲ Features a standard electro-galvanized finish for corrosion protection.
- ▲ The multilayer corrosion protection (P22) coating is available for highly corrosive environments.
- ▲ Passed ASTM® A370-30A for mechanical pull testing between -40° C (-40° F) and +65° C (+150° F).
- ▲ Passed ASTM G154 on foam construction for accelerated UV exposure test.

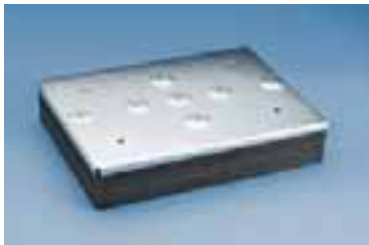


## CADDY® PYRAMID 50:

- ▲ Supports up to 220 N loads with each support
- ▲ Polyethylene closed-cell foam and 1.5 mm steel construction
- ▲ The 100 mm high model has a 263 x 100 mm footprint
- ▲ The 150 mm high model has a 263 x 120 mm footprint
- ▲ Electro-galvanized (P1) finish and hot-dipped galvanized finish (P3) or polyester (P25) on the plenum version provide superior corrosion protection



Part Number	Description	Max. Working Load (N)	Finish
182470	RPS50H4EG, Height 100	220	P1
182480	RPS50H6EG, Height 150	220	P1
182490	RPS50AHSV, Height 57	220	P25
182500	RPS50H4HD, Height 100	220	P3
182510	RPS50H6HD, Height 150	220	P3



## CADDY® PYRAMID 150:

- ▲ Has seven M10 threaded inserts with captive nuts that allow the product to be used with standard pipe clamps and accessories
- ▲ Large 406 x 304 mm footprint distributes load more evenly than alternative methods
- ▲ Polyethylene closed-cell foam and 2 mm steel construction supports 680 N with each support
- ▲ Electro-galvanized (P1) finish on top plate for added corrosion protection
- ▲ Multilayer corrosion protection (P22) coating is available for environments where a higher degree of corrosion resistance is desired, such as areas where hot-dipped galvanized finishes are used today. Multilayer corrosion protection is also applied to attached strut lengths



Part Number	Description	Max. Working Load (N)	Threads	Strut Included?	Finish
182680	RPS150T7, Height 81	680	M10	No	P1
182690	RPS150T8, Height 100	680	M10	Yes	P1
182580	RPS150T3, Height 81, MCP	680	M10	No	P22
182590	RPS150T4, Height 100, MCP	680	M10	Yes	P22

# CADDY® PYRAMID Pipe & Equipment Supports



## CADDY® PYRAMID 300:

- ▲ Same design, steel plate and finish choices as CADDY® PYRAMID 150
- ▲ Cross-linked polyethylene closed-cell foam supports up to 1350 N; 2 mm steel top plate



Part Number	Description	Max. Working Load (N)	Threads	Strut Included?	Finish
182700	RPS300T7, Height 81	1350	M10	No	P1
182710	RPS300T8, Height 100	1350	M10	Yes	P1
182620	RPS300T3, Height 81, MCP	1350	M10	No	P22
182630	RPS300T4, Height 100, MCP	1350	M10	Yes	P22



## CADDY® PYRAMID 600:

- ▲ Consists of two CADDY PYRAMID 300 bases attached with a length of strut to support 2700 N loads each
- ▲ Footprint is 812 x 304 mm (609 x 406 mm optional with cutting of strut) for more even load distribution
- ▲ Has fourteen M10 threaded inserts



Part Number	Description	Max. Working Load (N)	Threads	Strut Included?	Finish
182720	RPS600T8, Height 100	2700	M10	Yes	P1
182650	RPS600T4, Height 100, MCP	2700	M10	Yes	P22

## CADDY PYRAMID Accessories



P11



## CADDY® PYRAMID Column Supports:

- ▲ Attaches directly to strut
- ▲ For added flexibility, strut can be cut to length on-site as required for the application

Part Number	Description	Finish
182660	P11 (RPSCSEG)	P1
182670	P11 (RPSCSHD)	P3



# CADDY® PYRAMID Accessories



Inset photo shows rubber mat in use with fixed roller support (not included)

## Rubber Mat for CADDY® PYRAMID ST and RL Series:

- ▲ Used with CADDY PYRAMID ST or RL Series to add extra protection to roof membrane
- ▲ Made of recycled rubber
- ▲ Dampens vibration and reduces sound

Part Number	Description	Length (mm)	Width (mm)	Height (mm)
360410	RPS MAT 230 MM X 340 MM	343	230	25
360411	RPS MAT 230 MM X 495 MM	495	230	25



## STRUT PIPE CLAMPS OD: Four piece strut clamp

- ▲ Size Range: 21.3 mm through 273 mm
- ▲ More sizes available upon request
- ▲ Surface Finish: Hot-dip galvanized
- ▲ Four piece design includes hex head and square nut



Part Number	Description	Ø (mm)	Finish
598806	OD 21.3 mm	21.3	P3
598807	OD 26.9 mm	26.9	P3
598808	OD 33.7 mm	33.7	P3
598809	OD 42.4 mm	42.4	P3
598866	OD 48.3 mm	48.3	P3
598867	OD 60.3 mm	60.3	P3
598868	OD 76.1 mm	76.1	P3
598869	OD 88.9 mm	88.9	P3
598875	OD 113.3 mm	113.3	P3
598876	OD 139.7 mm	139.7	P3
598877	OD 165.1 mm	165.1	P3
598878	OD 219 mm	219	P3
598883	OD 273 mm	273	P3



## CADDY® MACROFIX 250 M8/M10: 2 screw pipe clip with M8/M10 combination connector nut

- ▲ Size range 12 mm – 315 mm (chart only shows selected sizes)
- ▲ Multifunction screws with hexagonal combination head (slot & crosshead), comes with retaining washers
- ▲ EPDM rubber insulation for sound reduction compliant with DIN 4109
- ▲ Fire rating DIN EN 13501-1:E
- ▲ Finish: Electro-zinc plated (EG)



Part Number	Description	Ø mm	Max. Rec. Load (N)	Finish
596460	CADDY MACROFIX 250 12-15 mm	12-15	1000	P1
596470	CADDY MACROFIX 250 15-19 mm	15-19	1000	P1
596480	CADDY MACROFIX 250 20-24 mm	20-24	1000	P1
596490	CADDY MACROFIX 250 25-30 mm	25-30	1000	P1
596500	CADDY MACROFIX 250 32-37 mm	32-37	1000	P1
596510	CADDY MACROFIX 250 40-45 mm	40-45	1000	P1
595860	CADDY MACROFIX 250 48-53 mm	48-53	1300	P1
595880	CADDY MACROFIX 250 59-63 mm	59-63	1300	P1
595890	CADDY MACROFIX 250 75-80 mm	75-80	1300	P1
595910	CADDY MACROFIX 250 89-91 mm	89-91	1300	P1
595930	CADDY MACROFIX 250 108-116 mm	108-116	2200	P1
595950	CADDY MACROFIX 250 135-141 mm	135-141	2200	P1
595970	CADDY MACROFIX 250 165-168 mm	165-168	2200	P1
595973	CADDY MACROFIX 250 216-220 mm	216-220	2500	P1
595993	CADDY MACROFIX 250 315 mm	315	2700	P1



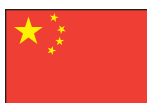


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